

# American Time Use Survey (ATUS) Data Dictionary:

2003 Interview Data

Variables collected in ATUS

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The American Time Use Survey (ATUS) is sponsored by the Bureau of Labor Statistics  
and conducted by the Census Bureau.

## Important Information about the ATUS Data Dictionary

### Introduction

The American Time Use Survey (ATUS) is sponsored by the Bureau of Labor Statistics and conducted by the Census Bureau. The purpose of this document is to provide information about the variables available on four of the 2003 ATUS public use data files: the Respondent file, the Roster file, the Activity file, and the Who file. These files contain information gathered through the 2003 ATUS interviews.

This data dictionary lists all the variables available on these files and their valid values. It also provides directions on how to read the data dictionary.

Two additional data dictionaries describe other 2003 ATUS public use data files. One describes the 2003 ATUS-CPS file, which contains data from the Current Population Survey (CPS) public use files for those selected to be surveyed for ATUS and members of their households. (The information on the ATUS-CPS file was collected two to five months before the ATUS interview and in some cases was out of date at the time of the ATUS survey.) The other data dictionary describes the ATUS survey methodological data on the 2003 Case History file. These additional data dictionaries are available on the ATUS website at [http://www.bls.gov/tus/datafiles\\_2003.htm](http://www.bls.gov/tus/datafiles_2003.htm).

### ATUS Interview Data Files

The following four data files include public use data available from the ATUS interviews.

#### 1. 2003 ATUS Respondent File

This file contains case-specific variables collected in ATUS (that is, variables for which there is one value for each respondent). These include, for example, labor force and earnings information, total time providing secondary child care, and ATUS weights.

There is one record for each ATUS respondent.

Below is a simplified example. The TUCASEID identifies each household, and TULINENO identifies each individual within the household. The example contains responses from five individuals; note that the respondent always has TULINENO=1. In the example, each respondent has corresponding values denoting school enrollment (TESCHENR), labor force status (TELFS), and total time spent alone (TRTALONE). The actual ATUS Respondent file contains many more variables as well as many more lines.

TUCASEID	TULINENO	TESCHENR	TELFS	TRTALONE
20030101020210	1	1	1	40
20030101020211	1	1	1	350
20030101020212	1	1	5	0
20030101020213	1	2	5	556
20030101020214	1	1	4	100

#### 2. 2003 ATUS Roster File

This file contains information on the age, sex, and relationship to the ATUS respondent of every household member. The same information is also included for the respondent's own non-household children under 18.

There is one record for each individual in the respondent's household (including the respondent's own non-household children under 18).

A simplified example appears below. The TUCASEID identifies each household, and TULINENO identifies each individual within the household. In the example below, TUCASEID 20030101020210 has three persons residing in the household, TUCASEID 20030101020211 and TUCASEID 200301010120212 each have one person. The actual ATUS Roster file contains more variables and many additional lines.

TUCASEID	TULINENO	TERRP	TESEX	TEAGE
20030101020210	1	18	2	42
20030101020210	2	20	1	45
20030101020210	3	22	1	11
20030101020211	1	18	1	65
20030101020212	1	18	2	21

### 3. 2003 ATUS Activity File

This file includes activity-level information collected in ATUS, including activity code, location, duration, activity start and stop times, and whether respondents had a child under 13 in their care during the activity. Location (or “where”) information is not collected for some selected activities (such as sleeping and grooming); a value that indicates the activity was “out of universe” for the “where” question (-1) is filled in these situations.

There is one record for each activity.

A simplified example of the ATUS Activity file appears below. This is an illustration of one respondent’s day. Because only one person is interviewed per household, each TUCASEID on the Activity file identifies a respondent. Each activity is identified by an activity number (TUACTIVITY\_N). The ATUS Activity file contains more variables describing each activity as well as many more lines than does the example below.

TUCASEID	TUACTIVITY_N	TUSTARTTIM	TUSTOPTIME
20030101020210	1	04:00:00	07:00:00
20030101020210	2	07:00:00	07:30:00
20030101020210	3	07:30:00	14:00:00
20030101020210	4	14:00:00	21:00:00
20030101020210	5	21:00:00	04:00:00

### 4. 2003 ATUS Who File

This file includes codes that indicate who was present during each activity.

There is one record for each “who” code reported. Therefore, there will be one record for activities done alone and multiple records for activities with multiple people present. For some activities, no “who” codes are collected (such as sleeping and grooming); a value that indicates the activity was “out of universe” for the “who” question (-1) is filled in these situations.

A simplified example appears below. In the first activity (TUACTIVITY\_N = 1), no “who” code information was collected due to the associated activity code. Only one person was with the respondent during the second activity, so there is one line for TUACTIVITY\_N = 2. Three people were with the respondent during the third activity, so there are three lines for TUACTIVITY\_N = 3. Two of those (TUWHO\_CODE = 20 and 22) are members of the respondent’s household and can be linked to the Roster file using TULINENO. The third (TUWHO\_CODE = 51) is not a member of the respondent’s household and thus does not have a positive value for TULINENO. The actual ATUS Who file contains more variables for each line as well as many additional lines.

TUCASEID	TUACTIVITY_N	TUWHO_CODE	TULINENO
20030101020210	1	-1	-1
20030101020210	2	22	3
20030101020210	3	20	2
20030101020210	3	22	3
20030101020210	3	51	-1

**Valid Values**

Each variable has a number of valid values or a range of valid values. For example, TESEX has two valid values: 1 for male and 2 for female. TEAGE, on the other hand, has a range of valid values – any entry between 0 and 80 is considered valid. Individual valid values or a range of valid values are listed under each variable in the data dictionary. A few variables have so many valid values that they are not included on the data dictionary; instead, they are provided in an appendix or a separate document. (References to these are included as a “Note” under the relevant variables in the data dictionary.) One example of a variable like this is TEIO1ICD, which identifies the industry code of the respondent’s main job.

Many ATUS variables have the following possible valid values:

Value	Description
-1	Blank
-2	Don’t Know
-3	Refused

Since so many variables have these possible values, they are not shown as valid entries for each variable.

TUCASEID, the primary identification number for ATUS, does not have either a list of valid values or a range of valid values.

## ATUS Naming Conventions and Definitions

ATUS variables are named according to specified rules. Variables with a first character of "T" (for time use) were collected or created through the ATUS interview. Variables with any other first character (most often "P", "G", or "H") were collected or created through the final CPS interview (conducted two to five months prior to the ATUS interview). All of the variables on the ATUS interview data files described in this dictionary begin with "T."

The second and third characters of the name identify the type of variable, and the remaining characters consist of a descriptive name. The rules regarding the first two or three characters are described in the table below:

Abbreviation	Variable Type	Definition
U	Unedited Variable	An unedited variable generally is produced by the Computer Assisted Telephone Interview (CATI) instrument, either collected or assigned during the interview. There are a few unedited variables that are computed by the processing system, such as the ATUS final weight (TUFINLWGT).
E	Edited Variable	<p>An edited variable is one that has gone through an editing process, or consistency checks. Values of edited variables are almost always equal to values of the corresponding unedited variables. Data differ when a value is allocated or imputed by the processing system based on allocation rules specified in CPS or ATUS processing. Allocations are typically performed when the unedited variable contains a value of blank, "don't know," or "refused."</p> <p>An edited version of a variable exists only if that variable goes through an editing process. If there are no edits for a variable, then only an unedited version of that variable exists.</p> <p>The instrument enforces skip patterns and consistency between many variables. Industry and occupation edits are an exception, as the instrument cannot ensure consistency because numeric codes are not assigned until the case is sent to the National Processing Center (NPC). (This is also the standard CPS procedure.)</p>
R	Recode	A recode is a variable calculated by the processing system from a combination of other variables on the file. For example, TRMJOCC1 is the major occupation code for the respondent's main job; this is not a response to a question but rather a variable that summarizes (or "groups") more finely detailed occupation variable TEIO1OCD. (Note that variables with second and third characters of "RT" are summary variables.)
RT	Summary Variable	These variables summarize the amount of time respondents spend with other people or doing selected activities. For example, TRTALONE gives the total amount of time the respondent spent alone on the diary day. Variables that summarize the amount of time respondents spent with other people rely on "who" code information and therefore do not include activities for which no "who" code information was collected, such as sleeping.
X	Allocation Flag	Each edited variable has a corresponding allocation flag indicating the nature of the allocation. For example, if TUAGE is blank, TEAGE would be allocated, and this would be indicated by a TXAGE value of 41. See the section on allocation flags for the standard list of values.
XT	Summary Allocation Flag	Some summary variables have a corresponding XT variable, which is a 0-1 indicator of whether or not the summary variable contains allocated information. For example, a value of 1 in TXTCC indicates that TRTCC and TXTCC_LN contain allocated rather than calculated data.
T	Topcode Flag	These variables indicate whether another variable has been topcoded, or given maximum values. The three topcode variables on the ATUS interview data files all relate to earnings.

Using these rules, variables can be more readily understood based on their names. For example, the variable TEAGE can be broken down as follows:

- The first character "T" indicates that this variable was collected or created through the ATUS interviews
- The second character "E" indicates that this variable went through an editing process; it also means that there will be a corresponding allocation flag, TXAGE, to indicate the nature of the allocation
- The final part of the variable name, "AGE," is descriptive

Some questions asked in the ATUS interview allow for more than one response. For such multiple entry questions, there is a separate variable for each possible response. Each variable has the same descriptive name but a different (sequential) number. For example, respondents can provide up to six answers to the question "You said you have been trying to find work – how did you go about looking?" The variable names are TULKDK1, TULKDK2, TULKDK3, etc.

Not all ATUS variables are on the public use files. When there is an edited variable, the corresponding unedited variable is usually omitted from the public use files. This is typically done to protect the confidentiality of ATUS respondents as required by law. If an unedited variable is included on the public use files, it generally means that an edited version does not exist and that the unedited version cannot be used to identify individual respondents.

### Allocation Flags

For every edited variable (or all "E" variables), there is a corresponding allocation flag whose second character is "X." All remaining characters of the two variables' names are the same. For example, TXSEX is the allocation flag for TESEX.

All allocation flags (except for variables with the second and third characters of "XT") have the following list of possible values:

00	Value – no change
01	Blank – no change
02	Don't know – no change
03	Refused – no change
10	Value to value
11	Blank to value
12	Don't know to value
13	Refused to value
20	Value to longitudinal value
21	Blank to longitudinal value
22	Don't know to longitudinal value
23	Refused to longitudinal value
30	Value to allocated longitudinal value (unused)
31	Blank to allocated longitudinal value (unused)
32	Don't know to allocated longitudinal value (unused)
33	Refused to allocated longitudinal value (unused)
40	Value to allocated value
41	Blank to allocated value
42	Don't know to allocated value
43	Refused to allocated value
50	Value to blank
52	Don't know to blank
53	Refused to blank

Each digit of these valid values identifies how and why edited variables were allocated.

The first digit indicates how the allocation was made to the “E” (or edited) variable.

First Digit	
0 or Blank	No change between “U” variable and “E” variable
1	“E” variable changed to a value
2	“E” variable changed to a longitudinal value (the corresponding value from the CPS data)
3	“E” variable changed to an allocated longitudinal value (the corresponding allocated value from CPS data) - unused
4	“E” variable changed to allocated value
5	“E” variable changed to a blank

The second variable indicates why the “U” variable was allocated, whether the value was an unacceptable one, missing, don’t know, or refused.

Second Digit	
0	“U” variable was equal to some value
1	“U” variable was blank (or -1)
2	“U” variable was don’t know (or -2)
3	“U” variable was refused (or -3)

Only one of the “X” allocation flags has more values than those listed above: TXAGE. There are two additional values to indicate that TEAGE has been topcoded or given a maximum value. These values are listed in the data dictionary.

There are four other variables that indicate allocation and do not follow the “X” variable values. These variables all have values of either 0 or 1, with 1 indicating that another variable has been allocated. These variables include:

TRWERNAL	Indicates that TRERNWA (weekly earnings) contains allocated information. This variable will not indicate topcoding in TRERNWA; variables indicating topcoding are TTOT, TTWK, and TTHR.
TRHERNAL	Indicates that TRERNHLY (hourly earnings) contains allocated information. This variable will not indicate topcoding in TRERNHLY; variables indicating topcoding are TTOT, TTWK, and TTHR.
TXTCC	Indicates that TRTCC (total time spent providing secondary childcare to household and own non-household children) and TRTCC_LN (time spent providing secondary childcare to household and own non-household children during a given activity) contain allocated data
TXTCOC	Indicates that TRTCOC (total time spent providing secondary childcare to non-own, non-household children) and TRTCOC_LN (time spent providing secondary childcare to non-own, non-household children during a given activity) contain allocated data

### Edited Universe

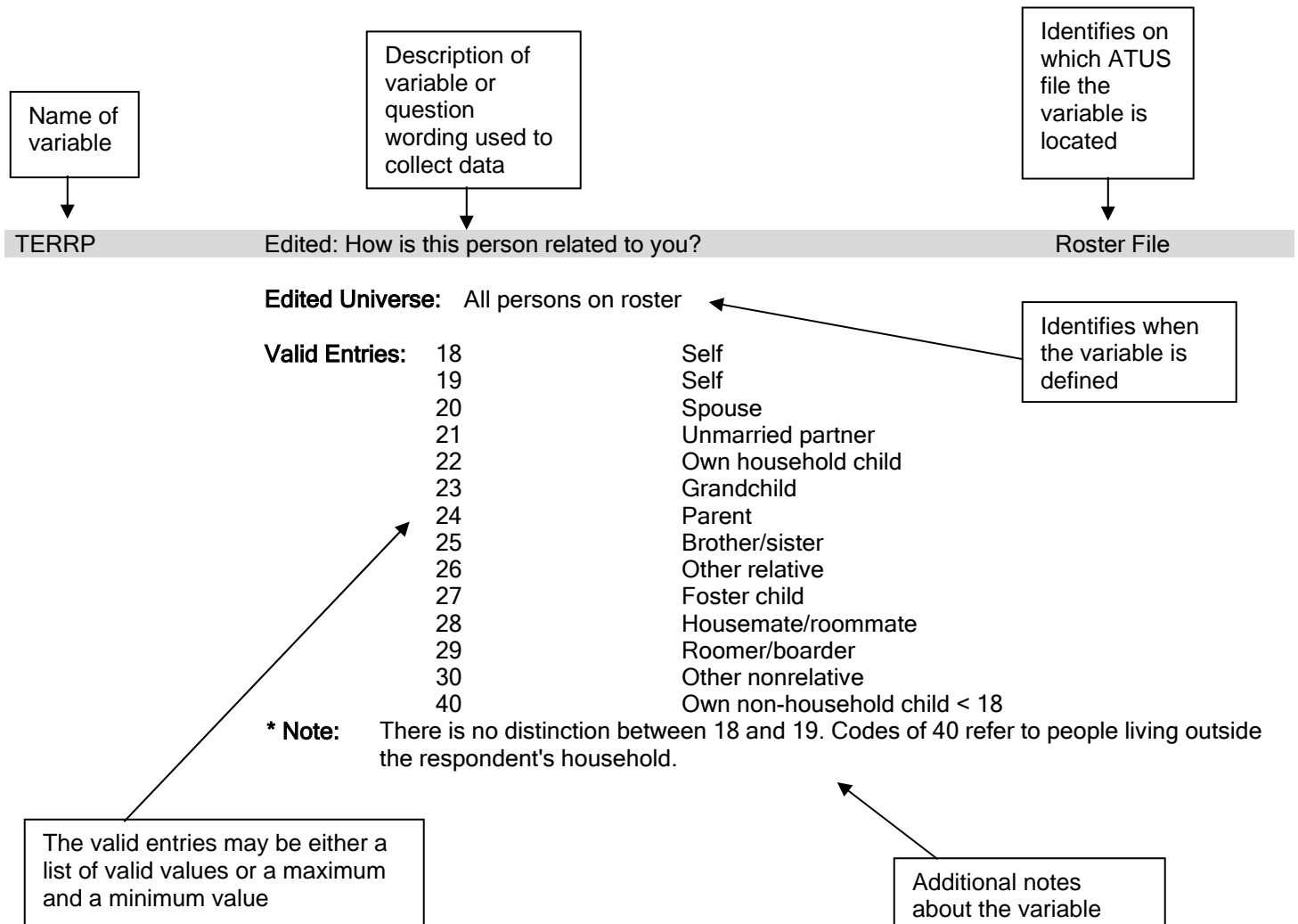
Edited variables and recodes are defined for certain universes, and these are listed in the data dictionary. For example, TEIO1OCD (occupation code) is only defined when the respondent is employed. Therefore, the universe for TEIO1OCD is TELFS = 1 or 2 (TELFS is the labor force status of the respondent, and values of 1 or 2 indicate that the respondent is employed).

Certain variables might initially appear to be the same because their descriptions are very similar. These variables are different in that they were asked of different groups. For example, the variables TEERNH1O and TEERNH2 both have the same question text of “Excluding overtime pay, tips, and commissions, what is your hourly rate of pay on your main job?” The difference in these two variables has to do with which respondents were asked each question. This can be determined by looking at the edited universes. TEERNH1O was asked of respondents with TEERNPER = 1, or those respondents who said it was easiest to report their earnings hourly. TEERNH2, on the other hand, was asked of respondents with TEERNRT = 1, or those respondents who said they were paid hourly but reported their earnings another way.

## Organization of the Data Dictionary

Variables are listed in the data dictionary in alphabetical order.

Below is a sample entry from the ATUS interview data dictionary:



## Frequently Used Variables

The ATUS files have many variables and users may sometimes have difficulty determining which ones to use. A list of the most commonly used ATUS variables is available at [www.bls.gov/tus/freqvariables.pdf](http://www.bls.gov/tus/freqvariables.pdf).



### Linking ATUS Public Use Files

Each of the ATUS public use files contains useful information, but in order to produce most estimates, the files must be linked. All of the public use files contain the variables TUCASEID, which is the ATUS identification number. Two other variables that can be used for linking in conjunction with TUCASEID are TULINENO (person line number) and TUACTIVITY\_N (activity line number).

File	Linking Variables
Respondent file	TUCASEID TULINENO (always equal to 1 on the Respondent file)
Roster file	TUCASEID TULINENO
Activity file	TUCASEID TUACTIVITY_N
Who file	TUCASEID TUACTIVITY_N TULINENO
ATUS-CPS file	TUCASEID TULINENO
Case History file	TUCASEID
Activity Summary file	TUCASEID

The ATUS public use files can also be linked to CPS public use files. More information is available in the 2003 ATUS-CPS data dictionary.

### Pooling 2003 and 2004 ATUS Data

The methodology used to weight the 2004 data was different from that used to weight the 2003 data. In 2003, the ATUS weights added up to the number of person-days in the month only for the population as a whole. In 2004, the methodology was changed so that ATUS weights add up to the number of person-days for selected subpopulations as well as for the general population.

Users who wish to pool 2003 and 2004 data in order to increase the number of observations should use weights calculated according to the 2004 methodology. On September 20, 2004, these new weights were added to the 2003 Respondent file, as variable TU04FWGT.

## 2003 ATUS Data Dictionary: Public ATUS Interview Data

<u>Name</u>	<u>Description</u>	<u>File</u>
TEABSRSN	Edited: what was the main reason you were absent from your job last week?	Respondent File
	<b>Edited Universe:</b> TELFS = 2	
	<b>Valid Entries:</b>	
	1 On layoff (temporary or indefinite)	
	2 Slack work/business conditions	
	3 Waiting for a new job to begin	
	4 Vacation/personal days	
	5 Own illness/injury/medical problems	
	6 Childcare problems	
	7 Other family/personal obligation	
	8 Maternity/paternity leave	
	9 Labor dispute	
	10 Weather affected job	
	11 School/training	
	12 Civic/military duty	
	13 Does not work in the business	
	14 Other	
TEAGE	Edited: age	Roster File
	<b>Edited Universe:</b> All persons on roster	
	<b>Valid Entries:</b> 0 Min Value	
	80 Max Value	
	<b>* Note:</b> TEAGE is topcoded to 80 (all those 80 or above have TEAGE = 80)	
TEERN	Edited: total weekly overtime earnings (2 implied decimals)	Respondent File
	<b>Edited Universe:</b> TEERNUOT = 1 and TEERNPER = 1	
	<b>Valid Entries:</b> 0 Min Value	
	288461 Max Value	
TEERNH10	Edited: excluding overtime pay, tips, and commissions, what is your hourly rate of pay on your main job? (2 implied decimals)	Respondent File
	<b>Edited Universe:</b> TEERNPER = 1	
	<b>Valid Entries:</b> 0 Min Value	
	9999 Max Value	
TEERNH2	Edited: excluding overtime pay, tips, and commissions, what is your hourly rate of pay on your main job? (2 implied decimals)	Respondent File
	<b>Edited Universe:</b> TEERNRT = 1	
	<b>Valid Entries:</b> 0 Min Value	
	9999 Max Value	
TEERNHRO	Edited: how many hours do you usually work per week at this rate?	Respondent File
	<b>Edited Universe:</b> TEERNH10 >= 0	
	<b>Valid Entries:</b> 1 Min Value	
	99 Max Value	
TEERNHRY	Edited: hourly/non-hourly status	Respondent File

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	<b>Valid Entries:</b> 1 Paid hourly 2 Not paid hourly	
TEERNPER	Edited: for your main job, what is the easiest way for you to report your total earnings before taxes or other deductions: hourly, weekly, annually, or some other way?	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	<b>Valid Entries:</b> 1 Hourly 2 Weekly 3 Bi-weekly 4 Twice monthly 5 Monthly 6 Annually 7 Other	
TEERNRT	Edited: even though you told me it is easier to report your earnings another way, are you paid at an hourly rate on this job?	Respondent File
	<b>Edited Universe:</b> TEERNPER = 2 - 7	
	<b>Valid Entries:</b> 1 Yes 2 No	
TEERNUOT	Edited: do you usually receive overtime pay, tips, or commissions at your main job?	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	<b>Valid Entries:</b> 1 Yes 2 No	
TEERNWKP	Edited: how many weeks a year do you get paid?	Respondent File
	<b>Edited Universe:</b> TEERNPER = 6	
	<b>Valid Entries:</b> 1 Min Value 52 Max Value	
TEHRFTPT	Edited: do you usually work more than 35 hours per week at your job(s)/family business?	Respondent File
	<b>Edited Universe:</b> TEHRUSL1 = -4 or TEHRUSL2 = -4	
	<b>Valid Entries:</b> 1 Yes 2 No 3 Hours vary	
TEHRUSL1	Edited: how many hours do you usually work per week at your main job?	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 0 Min Value 99 Max Value	
	<b>* Note:</b> -4 (Hours vary) is also valid for TEHRUSL1	
TEHRUSL2	Edited: how many hours do you usually work per week at your other job(s)?	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEMJOT = 1	

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Valid Entries:</b> 0                              Min Value 99                              Max Value <b>* Note:</b> -4 (Hours vary) is also valid for TEHRUSL2	
TEHRUSLT	Edited: total hours usually worked per week (sum of TEHRUSL1 and TEHRUSL2) <b>Edited Universe:</b> TELFS = 1 or 2	Respondent File
	<b>Valid Entries:</b> 0                              Min Value 999                              Max Value <b>* Note:</b> -4 (Hours vary) is also valid for TEHRUSLT	
TEIO1COW	Edited: individual class of worker code (main job) <b>Edited Universe:</b> TELFS = 1 or 2	Respondent File
	<b>Valid Entries:</b> 1              Government, federal 2              Government, state 3              Government, local 4              Private, for profit 5              Private, nonprofit 6              Self-employed, incorporated 7              Self-employed, unincorporated 8              Without pay	
TEIO1ICD	Edited: industry code (main job) <b>Edited Universe:</b> TELFS = 1 or 2	Respondent File
	<b>Valid Entries:</b> 0                              Min Value 9999                              Max Value <b>* Note:</b> Refer to Appendix A for a list of industry codes	
TEIO1OCD	Edited: occupation code (main job) <b>Edited Universe:</b> TELFS = 1 or 2	Respondent File
	<b>Valid Entries:</b> 0                              Min Value 9999                              Max Value <b>* Note:</b> Refer to Appendix A for a list of occupation codes	
TELAYAVL	Edited: could you have started a job in the last seven days if you had been recalled? <b>Edited Universe:</b> TELFS = 3	Respondent File
	<b>Valid Entries:</b> 1              Yes 2              No	
TELAYLK	Edited: even though you expect to be called back to work, have you been looking for work during the last 4 weeks? <b>Edited Universe:</b> TELAYAVL = 1 or 2	Respondent File
	<b>Valid Entries:</b> 1              Yes 2              No	
TELFS	Edited: labor force status <b>Edited Universe:</b> All respondents	Respondent File
	<b>Valid Entries:</b> 1              Employed - at work	

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 2 Employed - absent 3 Unemployed - on layoff 4 Unemployed - looking 5 Not in labor force	
TELKAVL	Edited: could you have started a job in the last seven days if one had been offered?	Respondent File
	<b>Edited Universe:</b> TELKM1 = 1 - 13	
	<b>Valid Entries:</b> 1 Yes 2 No	
TELKM1	Edited: what are all of the things you have done to find work during the last 4 weeks? (first method)	Respondent File
	<b>Edited Universe:</b> TELFS = 4	
	<b>Valid Entries:</b> 1 Contacted employer directly/interview 2 Contacted public employment agency 3 Contacted private employment agency 4 Contacted friends or relatives 5 Contacted school/university employment center 6 Sent out resumes/filled out applications 7 Checked union/professional registers 8 Placed or answered ads 9 Other active 10 Looked at ads 11 Attended job training programs/courses 12 Nothing 13 Other passive	
	<b>* Note:</b> In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6	
TEMJOT	Edited: in the last seven days did you have more than one job?	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 1 Yes 2 No	
TERET1	Edited: do you currently want a job, either full or part time?	Respondent File
	<b>Edited Universe:</b> TELFS = 5 and (TURETOT = 1 or TUFABS = 3 or TUFWK = 3 or TULAY = 3) and TEAGE >= 50	
	<b>Valid Entries:</b> 1 Yes or maybe/it depends 2 No 3 Has a job	
TERRP	Edited: how is this person related to you?	Roster File
	<b>Edited Universe:</b> All persons on roster	
	<b>Valid Entries:</b> 18 Self 19 Self 20 Spouse 21 Unmarried partner 22 Own household child	

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Valid Entries:</b> 23            Grandchild 24            Parent 25            Brother/sister 26            Other relative 27            Foster child 28            Housemate/roommate 29            Roomer/boarder 30            Other nonrelative 40            Own non-household child < 18  * <b>Note:</b> There is no distinction between 18 and 19. Codes of 40 refer to people living outside the respondent's household.	
TESCHENR	Edited: are you enrolled in high school, college or university?  <b>Edited Universe:</b> Respondents aged 15 to 49 (or age unknown)  <b>Valid Entries:</b> 1            Yes 2            No	Respondent File
TESCHFT	Edited: are you enrolled as a full-time or part-time student?  <b>Edited Universe:</b> TESCHENR = 1 or 2  <b>Valid Entries:</b> 1            Full time 2            Part time	Respondent File
TESCHLVL	Edited: would that be high school, college, or university?  <b>Edited Universe:</b> TESCHENR = 1  <b>Valid Entries:</b> 1            High school 2            College or university	Respondent File
TESEX	Edited: sex  <b>Edited Universe:</b> All persons on roster  <b>Valid Entries:</b> 1            Male 2            Female	Roster File
TESPEMPNOT	Edited: employment status of spouse or unmarried partner  <b>Edited Universe:</b> TRSPPRES = 1 or 2  <b>Valid Entries:</b> 1            Employed 2            Not employed	Respondent File
TESPUHRS	Edited: usual hours of work of spouse or unmarried partner  <b>Edited Universe:</b> TESPEMPNOT = 1  <b>Valid Entries:</b> 0                            Min Value 99                           Max Value  * <b>Note:</b> -4 (Hours vary) is also valid for TESPURHS	Respondent File
TEWHERE	Edited: where were you during the activity?  <b>Edited Universe:</b> All activities (except those noted below)  <b>Valid Entries:</b> 1            Respondent's home or yard 2            Respondent's workplace 3            Someone else's home 4            Restaurant or bar	Activity File

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Edited Universe:</b> All activities (except those noted below)	
	<b>Valid Entries:</b>	
	5 Place of worship	
	6 Grocery store	
	7 Other store/mall	
	8 School	
	9 Outdoors away from home	
	10 Library	
	11 Other place	
	12 Car, truck or motorcycle (driver)	
	13 Car, truck or motorcycle (passenger)	
	14 Walking	
	15 Bus	
	16 Subway/train	
	17 Bicycle	
	18 Boat/ferry	
	19 Taxi/limousine service	
	20 Airplane	
	21 Other mode of transportation	
	89 Unspecified place	
	99 Unspecified mode of transportation	
	<b>* Note:</b> Not collected for activities with activity codes of 0101xx, 0102xx, 0104xx, 500105, or 500106	
TR_03CC57	Was a household or own non-household child < 13 in your care during this activity?	Activity File
	<b>Edited Universe:</b> All activities	
	<b>Valid Entries:</b> 1 A child was in respondent's care during activity	
TRCHILDNUM	Number of household children < 18	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value	
	30 Max Value	
TRDPFTPT	Full time or part time employment status of respondent	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 1 Full time	
	2 Part time	
TRDTIND1	Detailed industry recode (main job)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 1 Min Value	
	51 Max Value	
	<b>* Note:</b> Detailed industry recode values are listed in Appendix A	
TRDTOCC1	Detailed occupation recode (main job)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 1 Management occupations	
	2 Business and financial operations occupations	
	3 Computer and mathematical science occupations	

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b>	
	4 Architecture and engineering occupations	
	5 Life, physical, and social science occupations	
	6 Community and social service occupations	
	7 Legal occupations	
	8 Education, training, and library occupations	
	9 Arts, design, entertainment, sports, and media occupations	
	10 Healthcare practitioner and technical occupations	
	11 Healthcare support occupations	
	12 Protective service occupations	
	13 Food preparation and serving related occupations	
	14 Building and grounds cleaning and maintenance occupations	
	15 Personal care and service occupations	
	16 Sales and related occupations	
	17 Office and administrative support occupations	
	18 Farming, fishing, and forestry occupations	
	19 Construction and extraction occupations	
	20 Installation, maintenance, and repair occupations	
	21 Production occupations	
	22 Transportation and material moving occupations	
TRERNHLY	Hourly earnings (2 implied decimals)	Respondent File
	<b>Edited Universe:</b> TEERNHRY = 1	
	<b>Valid Entries:</b>	
	0 Min Value	
	9999 Max Value	
	<b>* Note:</b> This is the most-frequently used hourly earnings variable in ATUS and is only defined for employed persons who say they work hourly and are not self-employed or without pay. The allocation flag for this variable is TRHERNAL. Subject to topcoding based on the entry in TEERNHRO such that TEERNHRO x TRERNHLY <= 2884.61; topcoding is indicated in TTHR.	
TRERNUPD	Earnings update flag	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	<b>Valid Entries:</b>	
	0 Earnings carried forward from final CPS interview	
	1 Earnings updated in ATUS	
TRERNWA	Weekly Earnings (2 implied decimals)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	<b>Valid Entries:</b>	
	0 Min Value	
	288461 Max Value	
	<b>* Note:</b> This is the most-frequently used earnings variable in ATUS and is defined for all employed persons who are not self-employed or without pay. The allocation flag for this variable is TRWERNAL. Subject to topcoding (the maximum value cannot be greater than 2884.61); topcoding is indicated in TTOT, TTWK, and TTHR.	
TRHERNAL	TRERNHLY: allocation flag	Respondent File
	<b>Edited Universe:</b> TEERNHRY = 1	
	<b>Valid Entries:</b>	
	0 TRERNHLY does not contain allocated information	
	1 TRERNHLY contains allocated information	



<u>Name</u>	<u>Description</u>	<u>File</u>
TRHHCHILD	Presence of household children < 18	Respondent File
<b>Edited Universe:</b> All respondents		
<b>Valid Entries:</b> 1 Yes 2 No		
TRHOLIDAY	Flag to indicate if diary day was a holiday	Respondent File
<b>Edited Universe:</b> All respondents		
<b>Valid Entries:</b> 0 Diary day was not a holiday 1 Diary day was a holiday		
<b>* Note:</b> New Year's Day, Easter, Memorial Day, the Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day are identified as holidays. No interviews were done about Thanksgiving Day and Christmas Day because interviewers did not work the Fridays after Thanksgiving and Christmas.		
TRIMIND1	Intermediate industry recode (main job)	Respondent File
<b>Edited Universe:</b> TELFS = 1 or 2		
<b>Valid Entries:</b> 1 Agriculture, forestry, fishing, and hunting 2 Mining 3 Construction 4 Manufacturing - durable goods 5 Manufacturing - non-durable goods 6 Wholesale trade 7 Retail trade 8 Transportation and warehousing 9 Utilities 10 Information 11 Finance and insurance 12 Real estate and rental and leasing 13 Professional and technical services 14 Management, administrative and waste management services 15 Educational services 16 Health care and social services 17 Arts, entertainment, and recreation 18 Accommodation and food services 19 Private households 20 Other services, except private households 21 Public administration		
TRMJIND1	Major industry recode (main job)	Respondent File
<b>Edited Universe:</b> TELFS = 1 or 2		
<b>Valid Entries:</b> 1 Agriculture, forestry, fishing, and hunting 2 Mining 3 Construction 4 Manufacturing 5 Wholesale and retail trade 6 Transportation and utilities 7 Information 8 Financial activities 9 Professional and business services		

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 10 Educational and health services 11 Leisure and hospitality 12 Other services 13 Public administration	
TRMJOCC1	Major occupation recode (main job)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 1 Management, business, and financial occupations 2 Professional and related occupations 3 Service occupations 4 Sales and related occupations 5 Office and administrative support occupations 6 Farming, fishing, and forestry occupations 7 Construction and extraction occupations 8 Installation, maintenance, and repair occupations 9 Production occupations 10 Transportation and material moving occupations	
TRMJOCGR	Major occupation category (main job)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 1 Management, professional, and related occupations 2 Service occupations 3 Sales and office occupations 4 Farming, fishing, and forestry occupations 5 Construction and maintenance occupations 6 Production, transportation, and material moving occupations	
TRHHCHILD	Presence of own non-household child < 18	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 1 Yes 2 No	
TROHHCHILD	Presence of own household children < 18	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 1 Yes 2 No	
TRSPFTPT	Full time or part time employment status of spouse or unmarried partner	Respondent File
	<b>Edited Universe:</b> TESPEMPNOT = 1	
	<b>Valid Entries:</b> 1 Full time 2 Part time 3 Hours vary	
TRSPPRES	Presence of respondent's spouse or unmarried partner in the household	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 1 Spouse present	

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 2 Unmarried partner present 3 No spouse or unmarried partner present	
TRTALONE	Total time respondent spent alone	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value	
	<b>* Note:</b> This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTCC	Total time spent during diary day providing secondary childcare for household and own non-household children < 13	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value	
	<b>* Note:</b> TRTCC is the sum of all values of TRTCC_LN for each TUCASEID	
TRTCC_LN	Total time spent during activity providing secondary child care for household and own non-household children < 13	Activity File
	<b>Edited Universe:</b> All activities for respondents with at least one household or own non-household child < 13	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value	
	<b>* Note:</b> TRTCC_LN is calculated using TR_03CC57. It does not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, or 170301. Also does not include any activities that took place when no household child < 13 was awake (determined by TUCC2 and TUCC4). It is not calculated for households that do not have at least one household or own non-household child < 13. If the wake time of the first household child < 13 was missing or reported to occur after 16:00:00 or before 04:00:00, then the wake time of the child was assumed to be 04:00:00. Missing sleep times were assumed to be 04:00:00.	
TRTCCC	Total time respondent spent with customers, clients, and coworkers	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value	
	<b>* Note:</b> This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as working, are omitted from the calculation	
TRTCCTOT	Total time spent during diary day providing secondary childcare for all children < 13	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value	
	<b>* Note:</b> TRTCCTOT is the sum of the maximum of TRTCC_LN and TRTCOC_LN for all activities for each TUCASEID	
TRTCHILD	Total time respondent spent with any household or non-household children < 18	Respondent File
	<b>Edited Universe:</b> All respondents	

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value <b>* Note:</b> This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTCOC	Total time spent providing secondary child care for non-own, non-household children < 13	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value <b>* Note:</b> TRTCOC is the sum of all values of TRTCOC_LN for each TUCASEID	
TRTCOC_LN	Total time spent during activity providing secondary child care for non-own, non-household children < 13	Activity File
	<b>Edited Universe:</b> All activities	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value <b>* Note:</b> TRTCOC_LN is calculated using TUCC8. It does not include activities with activity codes of 0101xx, 0401xx, 0402xx, 0403xx, or 170401. TRTCOC is the allocation flag for this variable.	
TRTFAMILY	Total time respondent spent with family members (except own non-household children)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value <b>* Note:</b> This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation. Does not include own non-household children but does include other non-household family members.	
TRTFRIEND	Total time respondent spent with friends	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value <b>* Note:</b> This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTHHFAMILY	Total time respondent spent with household family members	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value <b>* Note:</b> This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTNOCHILD	Total time respondent spent with non-own children < 18	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value <b>* Note:</b> This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	

<u>Name</u>	<u>Description</u>	<u>File</u>
TRTOHHCHILD	Total time respondent spent with own household children < 18	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value	
	<b>* Note:</b> This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTONHHCHILD	Total time respondent spent with own non-household children < 18	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value	
	<b>* Note:</b> This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTSPONLY	Total time respondent spent with spouse only	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value	
	<b>* Note:</b> This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTSPOUSE	Total time respondent spent with spouse (others may be present)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value	
	<b>* Note:</b> This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTUNMPART	Total time respondent spent with unmarried partner (others may be present)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 Min Value 1440 Max Value	
	<b>* Note:</b> This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRWERNAL	TRERNWA: allocation flag	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	<b>Valid Entries:</b> 0 TRERNWA does not contain allocated information 1 TRERNWA contains allocated information	
TRWHONA	Who information not asked for activity	Who File
	<b>Edited Universe:</b> All activities	
	<b>Valid Entries:</b> 0 TUWHO_CODE asked 1 TUWHO_CODE not asked	
TRYHHCHILD	Age of youngest household child < 18	Respondent File
	<b>Edited Universe:</b> TRHHCHILD = 1	

<u>Name</u>	<u>Description</u>	<u>File</u>
	Valid Entries: 0 17	Min Value Max Value
TTHR	Hourly pay topcode flag	Respondent File
	Valid Entries: 0 Not topcoded 1 Topcoded	
	* Note: Indicates topcoding in hourly pay in earnings variables	
TTOT	Overtime amount topcode flag	Respondent File
	Valid Entries: 0 Not topcoded 1 Topcoded	
	* Note: Indicates topcoding in overtime pay in earnings variables	
TTWK	Weekly earnings topcode flag	Respondent File
	Valid Entries: 0 Not topcoded 1 Topcoded	
	* Note: Indicates topcoding in weekly pay in earnings variables	
TU04FWGT	ATUS final weight based on 2004 weighting methodology	Respondent File
	Valid Entries: 1 999999999	Min Value Max Value
	* Note: For those users who wish to pool data from 2003 and 2004	
TUABSOT	In the last seven days, did you have a job either full or part time?	Respondent File
	Valid Entries: 1 Yes 2 No 3 Retired 4 Disabled 5 Unable to work	
TUACTDUR	Duration of activity in minutes (last activity not truncated at 4:00 a.m.)	Activity File
	Valid Entries: 1 9999	Min Value Max Value
TUACTDUR24	Duration of activity in minutes (last activity truncated at 4:00 a.m.)	Activity File
	Valid Entries: 1 1440	Min Value Max Value
TUACTIVITY_N	Activity line number	Activity File, Who File
	Valid Entries: 1 90	Min Value Max Value
TUBNCHWGT	ATUS benchmark weight	Respondent File
	Valid Entries: 0 999999999.9999999	Min Value Max Value
TUBUS	Does anyone in the household own a business or a farm?	Respondent File
	Valid Entries: 1 Yes 2 No	
TUBUS1	In the last seven days did you do any unpaid work in the family business or farm?	Respondent File
	Valid Entries: 1 Yes 2 No	
TUBUS2OT	Do you receive payments or profits from the business?	Respondent File
	Valid Entries: 1 Yes 2 No	

<u>Name</u>	<u>Description</u>	<u>File</u>
TUBUSL1	TULINENO of farm or business owner (first owner)	Respondent File
	<b>Valid Entries:</b> 0 Min Value 30 Max Value	
TUBUSL2	TULINENO of farm or business owner (second owner)	Respondent File
	<b>Valid Entries:</b> 0 Min Value 30 Max Value	
TUBUSL3	TULINENO of farm or business owner (third owner)	Respondent File
	<b>Valid Entries:</b> 0 Min Value 30 Max Value	
TUBUSL4	TULINENO of farm or business owner (fourth owner)	Respondent File
	<b>Valid Entries:</b> 0 Min Value 30 Max Value	
TUBWGT	ATUS base weight	Respondent File
	<b>Valid Entries:</b> 1 Min Value 999999.999999 Max Value	
TUCASEID	ATUS Case ID (14-digit identifier)	All Files
TUCC2	Time first household child < 13 woke up	Respondent File
	<b>Valid Entries:</b> 00:00:00 Min Value 24:00:00 Max Value	
TUCC4	Time last household child < 13 went to bed	Respondent File
	<b>Valid Entries:</b> 00:00:00 Min Value 24:00:00 Max Value	
TUCC8	Other than household or own non-household children < 13, was there a child 0-12 in your care during this activity?	Activity File
	<b>Valid Entries:</b> 0 No 1 Yes 97 No additional activities involved childcare	
TUCC9	Are the non-own, non-household children you cared for in TUCC8 related to you?	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No 3 Some are, some are not	
TUCUMDUR	Cumulative duration of activity lengths in minutes; last activity not truncated at 4:00 am or 1440 minutes (cumulative total of TUACTIONDUR for each TUCASEID)	Activity File
	<b>Valid Entries:</b> 1 Min Value 9999 Max Value	
TUCUMDUR24	Cumulative duration of activity lengths in minutes; last activity truncated at 4:00 am or 1440 minutes (cumulative total of TUACTIONDUR24 for each TUCASEID)	Activity File
	<b>Valid Entries:</b> 1 Min Value 1440 Max Value	
TUDIARYDATE	Date of diary day (date about which the respondent was interviewed)	Respondent File
	<b>Valid Entries:</b> 20030101 Min Value 20031231 Max Value	
	<b>* Note:</b> TUDIARYDATE is in YYYYMMDD format	
TUDIARYDAY	Day of the week of diary day (day of the week about which the respondent was interviewed)	Respondent File

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Valid Entries:</b> 1 Sunday 2 Monday 3 Tuesday 4 Wednesday 5 Thursday 6 Friday 7 Saturday	
TUDIS	Last time we spoke to someone in this household you were reported to have a disability. Does your disability prevent you from doing any kind of work for the next six months?	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No 3 Did not have disability last month	
TUDIS1	Does your disability prevent you from accepting any kind of work during the next six months?	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No	
TUDIS2	Do you have a disability that prevents you from accepting any kind of work during the next six months?	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No	
TUERN2	Weekly overtime earnings (2 implied decimals)	Respondent File
	<b>Valid Entries:</b> 0 Min Value 288461 Max Value	
TUERNH1C	What is your hourly rate of pay on this job, excluding overtime pay, tips, or commissions? (2 implied decimals)	Respondent File
	<b>Valid Entries:</b> 0 Min Value 9999 Max Value  * <b>Note:</b> Only asked if the respondent indicates that the recorded hourly rate read back by the interviewer is not correct	
TUFINLWGT	ATUS final weight	Respondent File
	<b>Valid Entries:</b> 0 Min Value 999999999.9999999 Max Value	
TUFWK	In the last seven days did you do any work for pay or profit?	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No 3 Retired 4 Disabled 5 Unable to work	
TUIO1MFG	Is this business or organization mainly manufacturing, retail trade, or something else? (main job)	Respondent File
	<b>Valid Entries:</b> 1 Manufacturing 2 Retail trade 3 Wholesale trade 4 Something else	
TUIODP1	Last time we spoke to someone in this household, you were reported to work for (employer name). Do you still work for (employer name)? (main job)	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No	



<u>Name</u>	<u>Description</u>	<u>File</u>
TUIODP2	Have the usual activities and duties of your job changed since (month of CPS interview)? (main job)	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No	
TUIODP3	Last time we spoke to someone in this household, you were reported as (occupation) and your usual duties were (activities). Is this an accurate description of your current job? (main job)	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No	
TULAY	During the last seven days were you on layoff from your job?	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No 3 Retired 4 Disabled 5 Unable to work	
TULAY6M	Have you been given any indication that you will be recalled to work within the next six months?	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No	
TULAYAVR	Why could you not have started a job in the last week?	Respondent File
	<b>Valid Entries:</b> 1 Own temporary illness 2 Going to school 3 Other	
TULAYDT	Has your employer given you a date to return to work? (to layoff job)	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No	
TULINENO	ATUS person line number	ATUS-CPS File, Respondent File, Roster File, Who File
	<b>Valid Entries:</b> 1 Min Value 30 Max Value	
	<b>* Note:</b> The person selected to be interviewed for ATUS is always TULINENO = 1	
TULK	Have you been doing anything to find work during the last four weeks?	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No 3 Retired 4 Disabled 5 Unable to work	
TULKAVR	Why could you not start a job last week?	Respondent File
	<b>Valid Entries:</b> 1 Waiting for new job to begin 2 Own temporary illness 3 Going to school 4 Other	
TULKDK1	You said you have been trying to find work. How did you go about looking? (first method)	Respondent File
	<b>Valid Entries:</b> 1 Contacted employer directly/interview 2 Contacted public employment agency 3 Contacted private employment agency 4 Contacted friends or relatives	

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Valid Entries:</b> 5 Contacted school/university employment center 6 Sent out resumes/filled out applications 7 Checked union/professional registers 8 Placed or answered ads 9 Other active 10 Looked at ads 11 Attended job training programs/courses 12 Nothing 13 Other passive <b>* Note:</b> In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6	
TULKDK2	TULKDK1 text: (second method)	Respondent File
	<b>Valid Entries:</b> 1 Contacted employer directly/interview 2 Contacted public employment agency 3 Contacted private employment agency 4 Contacted friends or relatives 5 Contacted school/university employment center 6 Sent out resumes/filled out applications 7 Checked union/professional registers 8 Placed or answered ads 9 Other active 10 Looked at ads 11 Attended job training programs/courses 13 Other passive 97 No additional job search activities <b>* Note:</b> In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6	
TULKDK3	TULKDK1 text: (third method)	Respondent File
	<b>Valid Entries:</b> 1 Min Value 97 Max Value <b>* Note:</b> See valid for values for TULKDK2	
TULKDK4	TULKDK1 text: (fourth method)	Respondent File
	<b>Valid Entries:</b> 1 Min Value 97 Max Value <b>* Note:</b> See valid for values for TULKDK2	
TULKDK5	TULKDK1 text: (fifth method)	Respondent File
	<b>Valid Entries:</b> 1 Min Value 97 Max Value <b>* Note:</b> See valid for values for TULKDK2	
TULKDK6	TULKDK1 text: (sixth method)	Respondent File
	<b>Valid Entries:</b> 1 Min Value 97 Max Value <b>* Note:</b> See valid for values for TULKDK2	
TULKM2	What are all of the things you have done to find work during the last four weeks? (second method)	Respondent File
	<b>Valid Entries:</b> 1 Contacted employer directly/interview 2 Contacted public employment agency 3 Contacted private employment agency 4 Contacted friends or relatives	

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Valid Entries:</b> <ul style="list-style-type: none"> <li>5 Contacted school/university employment center</li> <li>6 Sent out resumes/filled out applications</li> <li>7 Checked union/professional registers</li> <li>8 Placed or answered ads</li> <li>9 Other active</li> <li>10 Looked at ads</li> <li>11 Attended job training programs/courses</li> <li>13 Other passive</li> <li>97 No additional job search activities</li> </ul> <p><b>* Note:</b> In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6</p>	
TULKM3	TULKM2 text: (third method)	Respondent File
	<b>Valid Entries:</b> <ul style="list-style-type: none"> <li>1 Min Value</li> <li>97 Max Value</li> </ul> <p><b>* Note:</b> See valid for values for TULKM2</p>	
TULKM4	TULKM2 text: (fourth method)	Respondent File
	<b>Valid Entries:</b> <ul style="list-style-type: none"> <li>1 Min Value</li> <li>97 Max Value</li> </ul> <p><b>* Note:</b> See valid for values for TULKM2</p>	
TULKM5	TULKM2 text: (fifth method)	Respondent File
	<b>Valid Entries:</b> <ul style="list-style-type: none"> <li>1 Min Value</li> <li>97 Max Value</li> </ul> <p><b>* Note:</b> See valid for values for TULKM2</p>	
TULKM6	TULKM2 text: (sixth method)	Respondent File
	<b>Valid Entries:</b> <ul style="list-style-type: none"> <li>1 Min Value</li> <li>97 Max Value</li> </ul> <p><b>* Note:</b> See valid for values for TULKM2</p>	
TULKPS1	Can you tell me more about what you did to search for work? (first method)	Respondent File
	<b>Valid Entries:</b> <ul style="list-style-type: none"> <li>1 Contacted employer directly/interview</li> <li>2 Contacted public employment agency</li> <li>3 Contacted private employment agency</li> <li>4 Contacted friends or relatives</li> <li>5 Contacted school/university employment center</li> <li>6 Sent out resumes/filled out applications</li> <li>7 Checked union/professional registers</li> <li>8 Placed or answered ads</li> <li>9 Other active</li> <li>10 Looked at ads</li> <li>11 Attended job training programs/courses</li> <li>12 Nothing</li> <li>13 Other passive</li> <li>97 No more job search activities</li> </ul> <p><b>* Note:</b> In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6</p>	
TULKPS2	TULKPS1 text: (second method)	Respondent File
	<b>Valid Entries:</b> <ul style="list-style-type: none"> <li>1 Contacted employer directly/interview</li> <li>2 Contacted public employment agency</li> <li>3 Contacted private employment agency</li> </ul>	

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Valid Entries:</b> 4 Contacted friends or relatives 5 Contacted school/university employment center 6 Sent out resumes/filled out applications 7 Checked union/professional registers 8 Placed or answered ads 9 Other active 10 Looked at ads 11 Attended job training programs/courses 13 Other passive 97 No additional job search activities <b>* Note:</b> In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6	
TULKPS3	TULKPS1 text: (third method)	Respondent File
	<b>Valid Entries:</b> 1 Min Value 97 Max Value <b>* Note:</b> See valid for values for TULKPS2	
TULKPS4	TULKPS1 text: (fourth method)	Respondent File
	<b>Valid Entries:</b> 1 Min Value 97 Max Value <b>* Note:</b> See valid for values for TULKPS2	
TULKPS5	TULKPS1 text: (fifth method)	Respondent File
	<b>Valid Entries:</b> 1 Min Value 97 Max Value <b>* Note:</b> See valid for values for TULKPS2	
TULKPS6	TULKPS1 text: (sixth method)	Respondent File
	<b>Valid Entries:</b> 1 Min Value 97 Max Value <b>* Note:</b> See valid for values for TULKPS2	
TUMONTH	Month of diary day (month of day about which respondent was interviewed)	Respondent File
	<b>Valid Entries:</b> 1 Min Value 12 Max Value	
TURETOT	The last time we spoke to someone in this household you were reported to be retired. Are you still retired?	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No 3 Was not retired last time	
TURRP	Relationship to ATUS respondent	Roster File
	<b>Valid Entries:</b> 18 Self 19 Self 20 Spouse 21 Unmarried partner 22 Own household child 23 Grandchild 24 Parent 25 Brother/sister 26 Other relative 27 Foster child 28 Housemate/roommate	

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Valid Entries:</b> 29 Roomer/boarder 30 Other nonrelative 40 Own non-household child < 18 <b>* Note:</b> There is no distinction between 18 and 19. Codes of 40 refer to people living outside the respondent's household.	
TUSPABS	In the last seven days, did your spouse or unmarried partner have a job either full or part time?	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No 3 Retired 4 Disabled 5 Unable to work	
TUSPUSFT	Does your spouse or unmarried partner usually work 35 hours or more per week?	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No 3 Hours vary 4 No longer has a job	
TUSPWK	In the last seven days, did your spouse or unmarried partner do any work for pay or profit?	Respondent File
	<b>Valid Entries:</b> 1 Yes 2 No 3 Retired 4 Disabled 5 Unable to work	
TUSTARTTIM	Activity start time	Activity File
	<b>Valid Entries:</b> 00:00:00 Min Value 24:00:00 Max Value	
TUSTOPTIME	Activity stop time	Activity File
	<b>Valid Entries:</b> 00:00:00 Min Value 24:00:00 Max Value	
TUTIER1CODE	Lexicon Tier 1: 1st and 2nd digits of 6-digit activity code	Activity File
	<b>Valid Entries:</b> 01 Min Value 50 Max Value <b>* Note:</b> Valid activity codes are listed in the 2003 Coding Lexicon (see Appendix A). Six-digit activity codes are created by combining TUTIER1CODE, TUTIER2CODE, and TUTIER3CODE.	
TUTIER2CODE	Lexicon Tier 2: 3rd and 4th digits of 6-digit activity code	Activity File
	<b>Valid Entries:</b> 01 Min Value 99 Max Value <b>* Note:</b> Valid activity codes are listed in the 2003 Coding Lexicon (see Appendix A). Six-digit activity codes are created by combining TUTIER1CODE, TUTIER2CODE, and TUTIER3CODE.	
TUTIER3CODE	Lexicon Tier 3: 5th and 6th digits of 6-digit activity code	Activity File
	<b>Valid Entries:</b> 01 Min Value 99 Max Value <b>* Note:</b> Valid activity codes are listed in the 2003 Coding Lexicon (see Appendix A). Six-digit activity codes are created by combining TUTIER1CODE, TUTIER2CODE, and TUTIER3CODE.	
TUWHO_CODE	Who was in the room with you / Who accompanied you?	Who File

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>Valid Entries:</b> 18 Alone 19 Alone 20 Spouse 21 Unmarried partner 22 Own household child 23 Grandchild 24 Parent 25 Brother/sister 26 Other related person 27 Foster child 28 Housemate/roommate 29 Roomer/boarder 30 Other nonrelative 40 Own non-household child < 18 51 Parents (not living in household) 52 Other non-household family members < 18 53 Other non-household family members 18 and older (including parents-in-law) 54 Friends 55 Co-workers/colleagues/clients 56 Neighbors/acquaintances 57 Other non-household children < 18 58 Other non-household adults 18 and older <b>* Note:</b> Not collected for activities with activity codes of 0101xx, 0102xx, 0104xx, 0501xx, 500105, or 500106. There is no distinction between 18 and 19. All codes of 40 or greater refer to people living outside of the respondent's household.	
TUYEAR	Year of diary day (year of day about which respondent was interviewed)	Respondent File
	<b>Valid Entries:</b> 2003 Min Value 2003 Max Value	
TXABSRN	TEABSRN: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value <b>* Note:</b> See Introduction for allocation flag values	
TXAGE	TEAGE: allocation flag	Roster File
	<b>Valid Entries:</b> 00 Value - no change 01 Blank - no change 02 Don't know - no change 03 Refused - no change 10 Value to value 11 Blank to value 12 Don't know to value 13 Refused to value 20 Value to longitudinal value 21 Blank to longitudinal value 22 Don't know to longitudinal value 23 Refused to longitudinal value 30 Value to allocated longitudinal value 31 Blank to allocated longitudinal value 32 Don't know to allocated longitudinal value 33 Refused to allocated longitudinal value	

Name	Description	File
	<div><div>Valid Entries:</div><div><div>40</div><div>41</div><div>42</div><div>43</div><div>50</div><div>52</div><div>53</div><div>60</div><div>61</div></div><div><div>Value to allocated value</div><div>Blank to allocated value</div><div>Don`t know to allocated value</div><div>Refused to allocated value</div><div>Value to blank</div><div>Don`t know to blank</div><div>Refused to blank</div><div>Topcoded</div><div>Topcoded and allocated</div></div></div> <div>* Note: There are two valid values (60 and 61) that are not valid values for any other TX variable</div>	
TXERN	TEERN: allocation flag	Respondent File
	<div><div>Valid Entries:</div><div><div>00</div><div>53</div></div><div><div>Min Value</div><div>Max Value</div></div></div> <div>* Note: See Introduction for allocation flag values</div>	
TXERNH1O	TEERNH1O: allocation flag	Respondent File
	<div><div>Valid Entries:</div><div><div>00</div><div>53</div></div><div><div>Min Value</div><div>Max Value</div></div></div> <div>* Note: See Introduction for allocation flag values</div>	
TXERNH2	TEERNH2: allocation flag	Respondent File
	<div><div>Valid Entries:</div><div><div>00</div><div>53</div></div><div><div>Min Value</div><div>Max Value</div></div></div> <div>* Note: See Introduction for allocation flag values</div>	
TXERNHRO	TEERNHRO: allocation flag	Respondent File
	<div><div>Valid Entries:</div><div><div>00</div><div>53</div></div><div><div>Min Value</div><div>Max Value</div></div></div> <div>* Note: See Introduction for allocation flag values</div>	
TXERNHRY	TEERNHRY: allocation flag	Respondent File
	<div><div>Valid Entries:</div><div><div>00</div><div>53</div></div><div><div>Min Value</div><div>Max Value</div></div></div> <div>* Note: See Introduction for allocation flag values</div>	
TXERNPER	TEERNPER: allocation flag	Respondent File
	<div><div>Valid Entries:</div><div><div>00</div><div>53</div></div><div><div>Min Value</div><div>Max Value</div></div></div> <div>* Note: See Introduction for allocation flag values</div>	
TXERNRT	TEERNRT: allocation flag	Respondent File
	<div><div>Valid Entries:</div><div><div>00</div><div>53</div></div><div><div>Min Value</div><div>Max Value</div></div></div> <div>* Note: See Introduction for allocation flag values</div>	
TXERNUOT	TEERNUOT: allocation flag	Respondent File
	<div><div>Valid Entries:</div><div><div>00</div><div>53</div></div><div><div>Min Value</div><div>Max Value</div></div></div> <div>* Note: See Introduction for allocation flag values</div>	
TXERNWKP	TEERNWKP: allocation flag	Respondent File
	<div><div>Valid Entries:</div><div><div>00</div><div>53</div></div><div><div>Min Value</div><div>Max Value</div></div></div>	

<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>* Note:</b> See Introduction for allocation flag values	
TXHRFTPT	TEHRFTPT: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXHRUSL1	TEHRUSL1: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXHRUSL2	TEHRUSL2: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXHRUSLT	TEHRUSLT: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXIO1COW	TEIO1COW: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXIO1ICD	TEIO1ICD: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXIO1OCD	TEIO1OCD: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXLAYAVL	TELAYAVL: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXLAYLK	TELAYLK: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXLFS	TELFS: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXLKAVL	TELKAVL: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	



<u>Name</u>	<u>Description</u>	<u>File</u>
	<b>* Note:</b> See Introduction for allocation flag values	
TXLKM1	TELKM1: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXMJOT	TEMJOT: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXRET1	TERET1: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXRRP	TERRP: allocation flag	Roster File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXSCHENR	TESCHENR: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXSCHFT	TESCHFT: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXSCHLVL	TESCHLVL: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXSEX	TESEX: allocation flag	Roster File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXSPEMPNOT	TESPEMPNOT: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXSPUHS	TESPUHS: allocation flag	Respondent File
	<b>Valid Entries:</b> 00 Min Value 53 Max Value	
	<b>* Note:</b> See Introduction for allocation flag values	
TXTCC	TRTCC_LN and TRTCC: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 TRTCC_LN and TRTCC do not contain allocated data 1 TRTCC_LN and TRTCC contain allocated data	

<u>Name</u>	<u>Description</u>	<u>File</u>
	<p><b>* Note:</b> Allocated values are based on time spent with household or own non-household children &lt; 13. Calculations do not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, or 170301. They also do not include any activities or parts of any activities in which no household child &lt; 13 was awake (determined by TUCC2 and TUCC4).</p>	
TXTCOC	TRTCOC_LN and TRTCOC: allocation flag	Respondent File
	<p><b>Valid Entries:</b>      0                      TRTCOC_LN and TRTCOC do not contain allocated data                                         1                      TRTCOC_LN and TRTCOC contain allocated data</p>	
	<p><b>* Note:</b> Allocated values are based on time spent with non-own non-household children &lt; 18 when no other non-household adult was present. Calculations do not include activities with activity codes of 0101xx, 0401xx, 0402xx, 0403xx, or 170401.</p>	
TXWHERE	TEWHERE: allocation flag	Activity File
	<p><b>Valid Entries:</b>      00                      Min Value                                         53                      Max Value</p>	
	<p><b>* Note:</b> See Introduction for allocation flag values</p>	

## APPENDIX A

### Detailed Industry Code (TRDTIND1)

TRDTIND1	Description	TEIO1ICD
1	Agriculture	0170-0180, 0290
2	Forestry, logging, fishing, hunting, and trapping	0190-0280
3	Mining	0370-0490
4	Construction	770
5	Nonmetallic mineral product manufacturing	2470-2590
6	Primary metals and fabricated metal products	2670-2990
7	Machinery manufacturing	3070-3290
8	Computer and electronic product manufacturing	3360-3390
9	Electrical equipment, appliance manufacturing	3470, 3490
10	Transportation equipment manufacturing	3570-3690
11	Wood product manufacturing	3770-3870
12	Furniture and fixtures manufacturing	3890
13	Miscellaneous and not specified manufacturing	3960-3990
14	Food manufacturing	1070-1290
15	Beverage and tobacco product manufacturing	1370, 1390
16	Textile, apparel, and leather manufacturing	1470-1790
17	Paper manufacturing and printing	1870-1990
18	Petroleum and coal products manufacturing	2070, 2090
19	Chemical manufacturing	2170-2290
20	Plastics and rubber products manufacturing	2370-2390
21	Wholesale trade	4070-4590
22	Retail trade	4670-5790
23	Transportation and warehousing	6070-6390
24	Utilities	0570-0690
25	Publishing industries (except internet)	6470-6490
26	Motion picture and sound recording industries	6570, 6590
27	Broadcasting (except internet)	6670
28	Internet publishing and broadcasting	6675
29	Telecommunications	6680, 6690
30	Internet service providers and data processing services	6692, 6695
31	Other information services	6770, 6780
32	Finance	6870-6970
33	Insurance	6990
34	Real estate	7070
35	Rental and leasing services	7080-7190
36	Professional, scientific, and technical services	7270-7490
37	Management of companies and enterprises	7570
38	Administrative and support services	7580-7780
39	Waste management and remediation services	7790
40	Educational services	7860-7890
41	Hospitals	8190

42	Health care services, except hospitals	7970-8180, 8270, 8290
43	Social assistance	8370-8470
44	Arts, entertainment, and recreation	8560-8590
45	Traveler accommodation	8660, 8670
46	Food services and drinking places	8680, 8690
47	Repair and maintenance	8770-8890
48	Personal and laundry services	8970-9090
49	Membership associations and organizations	9160-9190
50	Private households	9290
51	Public administration	9370-9590

**Industry Codes (TEIO1ICD)**

Available at [www.bls.gov/tus/census02iocodes.pdf](http://www.bls.gov/tus/census02iocodes.pdf)

**Occupation Codes (TEIO1OCD)**

Available at [www.bls.gov/tus/census02iocodes.pdf](http://www.bls.gov/tus/census02iocodes.pdf)

**2003 Activity Codes (Concatenated TUTIER1CODE, TUTIER2CODE, and TUTIER3CODE)**

Available at [www.bls.gov/tus/lexiconwex2003.pdf](http://www.bls.gov/tus/lexiconwex2003.pdf)